

Converting Colors

YIQ(169.4860, 16.3670, 6.2470)

Have a look what the booklet for
YIQ(169.4860, 16.3670, 6.2470)
contains.

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Color

**YIQ(169.4860, 16.3670,
6.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA1A2
RGB	189, 161, 162
RGB Percent	74%, 63%, 64%
CMY	0.2588, 0.3687, 0.3646
CMYK	0.00, 0.15, 0.14, 0.26
HSL	358°, 18%, 69%
HSV	358°, 15%, 74%
XYZ	40.2564, 38.9159, 39.5798
YIQ	169.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

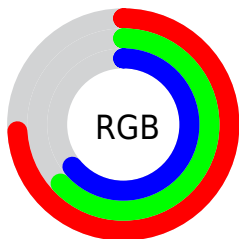
Format	Color
RYB	189, 161, 162
Decimal	12427682
CIELab	68.69, 10.45, 3.28
CIELCh	69, 10.952, 17.434
Yxy	38.9159, 0.3390, 0.3277
Android (android.graphics.Color)	4290617762 (0xFFBDA1A2)
YUV	169.4860, -3.6906, 17.1138
Hunter-Lab	62.3826, 6.0191, 6.0501

Details

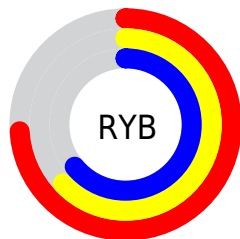
The YIQ color **169.4860, 16.3670, 6.2470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **180.5140, -16.3670, -6.2470**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.7850, 16.9630, 6.4590**, and **116.8880, 15.1750, 5.8230** is the 20% darker color. If you saturate the color by 10%, you get **156.2810, 27.3700, 10.5860**, and if you desaturate by 10%, it is **182.6910, 5.3640, 1.9080**.

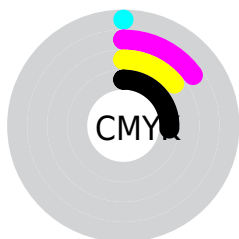
Distribution



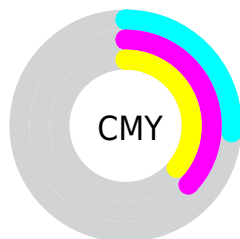
- Red (74%)
- Green (63%)
- Blue (64%)



- Red (74%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (26%)





- Cyan (26%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.4860, 16.3670, 6.2470 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 169.4860, 16.3670, 6.2470 by changing the saturation by 10% instead.


 169.4860, 16.3670,
6.2470

 169.4860, 16.3670,
6.2470


255.0000, -0.0000,
-0.0000


 143.1870, 15.7710,
6.0350


 225.0840, 17.5590,
6.6710


 116.8880, 15.1750,
5.8230

 247.4030, 6.2350,
2.6430

 92.5890, 14.5790,
5.6110

 68.9910, 13.3870,
5.1870

 46.6920, 12.7910,
4.9750

 25.2080, 11.2780,
4.8620

 3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 169.4860, 16.3670,
6.2470

■ 169.4860, 16.3670,
6.2470

■ 156.2810, 27.3700,
10.5860

■ 182.6910, 5.3640,
1.9080

■ 143.0760, 38.3730,
14.9250

■ 195.8960, -5.6390,
-2.4310

■ 129.7570, 49.6970,
18.9530

■ 209.2150,
-16.9630, -6.4590

■ 116.5520, 60.7000,
23.2920

■ 222.4200,
-27.9660, -10.7980

■ 103.3470, 71.7030,
27.6310

■ 235.0380,
-38.6940, -14.6140

■ 90.7290, 82.4310,
31.4470

■ 235.2660,
-39.3360, -13.9920

■ 77.5240, 93.4340,
35.7860

■ 64.2050, 104.7580,
39.8140

■ 57.3090, 110.3970,
42.2450

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.4300, 10.7730, 8.5090



169.4860, 16.3670, 6.2470



169.0360, 17.5140, 1.9780

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



169.4860, 16.3670, 6.2470



165.1750, -2.2910, -8.0430



166.5560, -16.1850, 1.4710

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



169.4860, 16.3670, 6.2470



180.5140, -16.3670, -6.2470

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



164.7680, -19.8980, -2.8260



169.4860, 16.3670, 6.2470



164.3850, -11.6900, -8.4100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169.4860, 16.3670, 6.2470



166.7200, 6.4200, -6.2200



164.0300, -17.8800, -6.3600



167.6820, -7.6120, 5.7960

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.4860, 16.3670, 6.2470



168.0850, 15.8180, -0.3260



164.0300, -17.8800, -6.3600



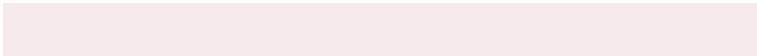
166.0180, -17.6060, -0.3100

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



169.4860, 16.3670, 6.2470



237.9900, 5.9600, 2.1200



172.2650, 7.1040, 14.4320



117.9080, 3.2550, 1.5830



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169.4860, 16.3670, 6.2470



214.2700, 25.9030, 9.6390



177.0030, 13.1130, -0.8630



87.6910, 5.3640, 1.9080



47.9260, 92.2420, 35.3620



9.3830, 18.1550, 6.8830

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



169.4860, 16.3670, 6.2470



214.2700, 25.9030, 9.6390



172.9970, -13.1130, 0.8630



87.6910, 5.3640, 1.9080



47.9260, 92.2420, 35.3620



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 169.4860, 16.3670, 6.2470 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 169.4860, 16.3670, 6.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 169.4860, 16.3670, 6.2470

Background



This preview shows how black text looks on a background with the YIQ color 169.4860, 16.3670, 6.2470.



This preview shows how white text looks on a background with the YIQ color 169.4860, 16.3670,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

169.4860, 16.3670, 6.2470

Protanopia

167.9680, 3.0260, 0.2260

Deuteranopia

169.1760, 14.3040, 5.0880



Tritanopia

169.7510, 14.3030, 10.6150

Trichromacy



Original Color

169.4860, 16.3670, 6.2470

Protanomaly

168.7730, 8.0690, 2.4450

Deuteranomaly

169.4750, 14.9000, 5.3000

Tritanomaly

169.8820, 15.3120, 8.8480

Monochromacy



Original Color

169.4860, 16.3670, 6.2470

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.9900, 5.9600, 2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.4860, 16.3670, 6.2470 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 162) }
```

Border

The CSS property to change the border of an element to YIQ 169.4860, 16.3670, 6.2470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 161, 162) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 161, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(189, 161,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 169.4860, 16.3670, 6.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
161, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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